

SEQUENCE LISTING

<110> Hsu, Sheau-Yu
Hsueh, Aaron

<120> Stresscopins and their ses

<130> STAN210

<140> Unassigned

<141> 2001-10-09

<150> 60/276,615

<151> 2001-03-15

<150> 60/244,128

<151> 2000-10-26

<160> 15

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 339

<212> DNA

<213> Homo Sapiens

<400> 1

atgaccaggt	gtgctctgct	gttgctgatg	gtcctgatgt	tgggcagagt	cctgggtgtc	60
ccagtgaccc	ctatcccaac	cttccagctc	cgccctcaga	attctcccca	gaccactccc	120
cgacctgcgg	cctcagagag	ccctcagct	gtcccatat	ggccgtgggc	tgcccagagc	180
cactgcagcc	ccaccgcca	ccctggctcg	cgcatgtcc	tatcgctgga	tgtcccatc	240
ggcctcttgc	agatcttact	ggagcaagcc	cgggccaggg	ctgccaggga	gcaggccacc	300
accaacgccc	gcaccttggc	ccgtgtcggc	cactgctga			339

<210> 2

<211> 112

<212> PRT

<213> Homo Sapiens

<400> 2

Met	Thr	Arg	Cys	Ala	Leu	Leu	Leu	Leu	Met	Val	Leu	Met	Leu	Gly	Arg
1				5					10					15	
Val	Leu	Val	Val	Pro	Val	Thr	Pro	Ile	Pro	Thr	Phe	Gln	Leu	Arg	Pro
			20					25					30		
Gln	Asn	Ser	Pro	Gln	Thr	Thr	Pro	Arg	Pro	Ala	Ala	Ser	Glu	Ser	Pro
		35					40					45			
Ser	Ala	Ala	Pro	Thr	Trp	Pro	Trp	Ala	Ala	Gln	Ser	His	Cys	Ser	Pro
		50				55				60					
Thr	Arg	His	Pro	Gly	Ser	Arg	Ile	Val	Leu	Ser	Leu	Asp	Val	Pro	Ile
65				70				75						80	
Gly	Leu	Leu	Gln	Ile	Leu	Leu	Glu	Gln	Ala	Arg	Ala	Arg	Ala	Ala	Arg
			85					90					95		
Glu	Gln	Ala	Thr	Thr	Asn	Ala	Arg	Ile	Leu	Ala	Arg	Val	Gly	His	Cys
			100				105						110		

<210> 3

<211> 43
 <212> PRT
 <213> Homo sapiens

<400> 3
 His Pro Gly Ser Arg Ile Val Leu Ser Leu Asp Val Ile Leu Gly Leu
 1 5 10 15
 Leu Gln Ile Leu Leu Glu Gln Ala Arg Ala Arg Ala Ala Arg Glu Gln
 20 25 30
 Ala Thr Thr Asn Ala Arg Ile Leu Ala Arg Val
 35 40

<210> 4
 <211> 486
 <212> DNA
 <213> Homo sapiens

<400> 4
 atg ctg atg ccg gtc cac ttc ctg ctg ctc ctg ctg ctg ctc ctg ggg 48
 ggc ccc agg aca ggc ctc ccc cac aag ttc tac aaa gcc aag ccc atc 96
 ttc agc tgc ctc aac acc gcc ctg tct gag gct gag aag ggc cag tgg 144
 gag gat gca tcc ctg ctg agc aag agg agc ttc cac tac ctg cgc agc 192
 aga gac gcc tct tcg gga gag gag gag gag ggc aaa gag aaa aag act 240
 ttc ccc atc tct ggg gcc agg ggt gga gcc gga ggc acc cgt tac aga 288
 tac gtg tcc caa gca cag ccc agg gga aag cca cgc cag gac aca gcc 336
 aag agt ccc cac cgc acc aag ttc acc ctg tcc ctc gac gtc ccc acc 384
 aac atc atg aac ctc ctc ttc aac atc gcc aag gcc aag aac ctg cgt 432
 gcc cag gcg gcc gcc aat gcc cac ctg atg gcg caa att ggg agg aag 480
 aag tag 486

<210> 5
 <211> 161
 <212> PRT
 <213> Homo sapiens

<400> 5
 Met Leu Met Pro Val His Phe Leu Leu Leu Leu Leu Leu Leu Gly
 1 5 10 15
 Gly Pro Arg Thr Gly Leu Pro His Lys Phe Tyr Lys Ala Lys Pro Ile
 20 25 30
 Phe Ser Cys Leu Asn Thr Ala Leu Ser Glu Ala Glu Lys Gly Gln Trp
 35 40 45
 Glu Asp Ala Ser Leu Leu Ser Lys Arg Ser Phe His Tyr Leu Arg Ser
 50 55 60
 Arg Asp Ala Ser Ser Gly Glu Glu Glu Glu Gly Lys Glu Lys Lys Thr
 65 70 75 80
 Phe Pro Ile Ser Gly Ala Arg Gly Gly Ala Gly Gly Thr Arg Tyr Arg
 85 90 95
 Tyr Val Ser Gln Ala Gln Pro Arg Gly Lys Pro Arg Gln Asp Thr Ala
 100 105 110
 Lys Ser Pro His Arg Thr Lys Phe Thr Leu Ser Leu Asp Val Pro Thr
 115 120 125
 Asn Ile Met Asn Leu Leu Phe Asn Ile Ala Lys Ala Lys Asn Leu Arg
 130 135 140
 Ala Gln Ala Ala Ala Asn Ala His Leu Met Ala Gln Ile Gly Arg Lys
 145 150 155 160
 Lys

<210> 6
 <211> 40
 <212> PRT
 <213> Homo sapiens

<400> 6
 Thr Lys Phe Thr Leu Ser Leu Asp Val Pro Thr Asn Ile Met Asn Leu
 1 5 10 15
 Leu Phe Asn Ile Ala Lys Ala Lys Asn Leu Arg Ala Gln Ala Ala Ala
 20 25 30
 Asn Ala His Leu Met Ala Gln Ile
 35 40

<210> 7
 <211> 42
 <212> PRT
 <213> Homo sapiens

<400> 7
 Arg Ser Glu Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu
 1 5 10 15
 Arg Glu Val Leu Glu Met Ala Arg Ala Glu Gln Leu Ala Gln Gln Ala
 20 25 30
 His Ser Asn Arg Lys Leu Met Glu Ile Ile
 35 40

<210> 8
 <211> 42
 <212> PRT
 <213> Mus musculus

<400> 8
 Arg Ser Glu Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu
 1 5 10 15
 Arg Glu Val Leu Glu Met Ala Arg Ala Glu Gln Leu Ala Gln Gln Ala
 20 25 30
 His Ser Asn Arg Ile Ile Phe Asp Ser Val
 35 40

<210> 9
 <211> 42
 <212> PRT
 <213> Homo sapiens

<400> 9
 Arg Arg Asp Asn Pro Ser Leu Ser Ile Asp Leu Thr Phe His Leu Leu
 1 5 10 15
 Arg Thr Leu Leu Glu Leu Ala Arg Thr Gln Ser Gln Arg Glu Arg Ala
 20 25 30
 Glu Gln Asn Arg Ile Ile Phe Asp Ser Val
 35 40

<210> 10
 <211> 42
 <212> PRT

<213> Mus musculus

<400> 10

```
Arg Arg Asp Asp Pro Pro Leu Ser Ile Asp Leu Thr Phe His Leu Leu
 1           5           10           15
Arg Thr Leu Leu Glu Leu Ala Arg Thr Gln Ser Gln Arg Glu Arg Ala
      20           25           30
Glu Gln Asn Arg Ile Ile Phe Asp Ser Val
      35           40
```

<210> 11

<211> 42

<212> PRT

<213> Carassius auratus

<400> 11

```
Arg Asn Asp Asp Pro Pro Ile Ser Ile Asp Leu Thr Phe His Leu Leu
 1           5           10           15
Arg Asn Met Ile Glu Met Ala Arg Asn Glu Asn Gln Arg Glu Gln Ala
      20           25           30
Gly Leu Asn Arg Lys Tyr Leu Asp Glu Val
      35           40
```

<210> 12

<211> 42

<212> PRT

<213> Catostomus commersoni

<400> 12

```
Arg Ser Glu Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu
 1           5           10           15
Arg Glu Val Leu Glu Met Ala Arg Ala Glu Gln Leu Ala Gln Gln Ala
      20           25           30
His Ser Asn Arg Lys Met Met Glu Ile Phe
      35           40
```

<210> 13

<211> 42

<212> PRT

<213> Catostomus commersoni

<400> 13

```
Arg Ser Glu Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu
 1           5           10           15
Arg Glu Val Leu Glu Met Ala Arg Ala Glu Gln Leu Val Gln Gln Ala
      20           25           30
His Ser Asn Arg Lys Met Met Glu Ile Phe
      35           40
```

<210> 14

<211> 40

<212> PRT

<213> Phyllomedusa sauvagei

<400> 14

```
Gln Gly Pro Pro Ile Ser Ile Asp Leu Ser Leu Glu Leu Leu Arg Lys
```

```

      1           5           10           15
Met Ile Glu Ile Glu Lys Gln Glu Lys Glu Lys Gln Gln Ala Ala Asn
      20           25           30
Asn Arg Leu Leu Leu Asp Thr Ile
      35           40

```

```

<210> 15
<211> 40
<212> PRT
<213> Takifugu rubripes

```

```

<400> 15
Ser Arg Leu Thr Leu Ser Leu Asp Val Pro Thr Asn Ile Met Asn Val
      1           5           10           15
Leu Phe Asp Val Ala Lys Ala Lys Asn Leu Arg Ala Lys Ala Ala Glu
      20           25           30
Asn Ala Arg Leu Leu Ala His Ile .
      35           40

```

100211 9063350